

ing pot, of a distributing box or tank in communication with said crucible or melting pot and having concaved sides and a narrow

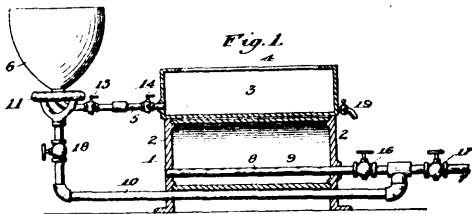
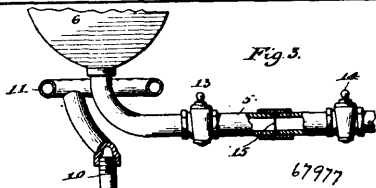
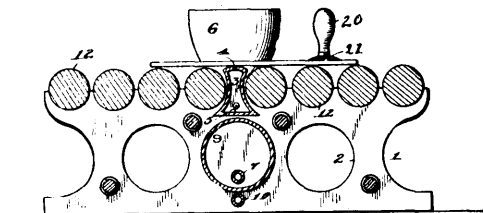


Fig. 2.



slitted opening in its upper side, and a series of rollers arranged in substantially the same plane as the upper end of the distributing box or tank, substantially as described.

No. 67,978. Explosion Preventing Device.
(Appareil à empêcher les explosions.)

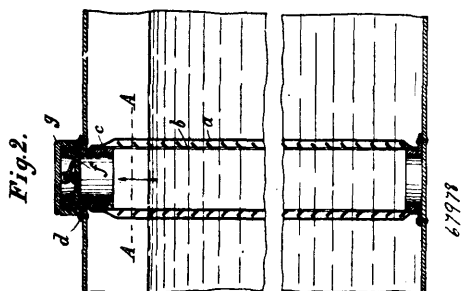


Fig. 2.

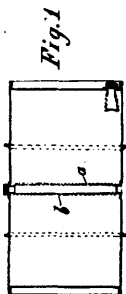


Fig. 4.

Fig. 5.

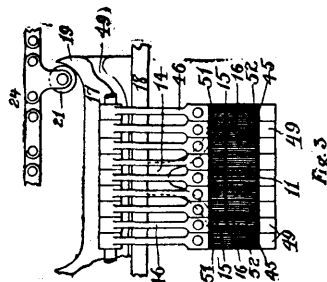
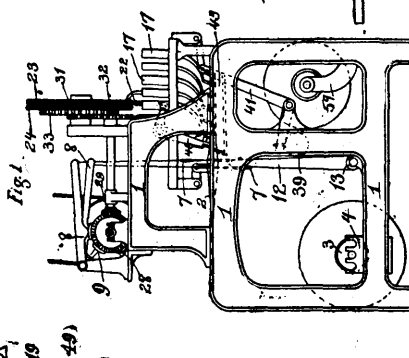
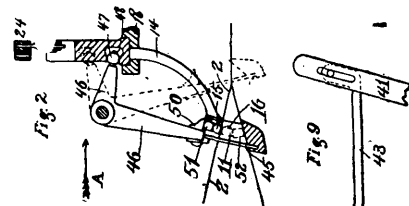


Ferdinand Henze, Salzotten, Paderborn, Prussia, 4th July, 1900; 6 years. (Filed 13th September, 1899.)

Claim.—1st. A safety device for oil barrels, etc., consisting of a gauze wire cylinder closed at one end and provided at the other end with a valve adapted to open at a given pressure said device being adapted to be inserted in the barrel with its valved end located in the opening therein as specified. 2nd. A safety device for oil barrels, etc., consisting of a gauze wire cylinder closed at one end

and provided at the other end with a valve adapted to open at a given pressure and a strengthening tube located within the gauze wire cylinder, as specified. 3rd. The combination with the cask or barrel of a gauze wire cylinder arranged therein closed at the bottom and having its upper end open and communicating with an aperture in the cask or barrel, a valve located in said open end, and a removable cap or cover over said valve, as specified. 4th. The combination with the cask or barrel, having an aperture *a*, tubular piece *c* fitted in said aperture, a valve *f* in said tubular piece, and a gauze wire cylinder *d* located within the cask or barrel, fitted to said tubular piece at its upper end and having its lower end closed, as specified. 5th. The combination with the cask or barrel, having an aperture *a*, tubular piece *c* fitted in said aperture, a valve *f* in said tubular piece, a gauze wire cylinder *d* located within the cask or barrel fitted to said tubular piece at its upper end and having its lower end closed, and a strengthening piece *b* within said gauze wire cylinder, as specified.

No. 67,979. Loom. (Métier.)



John Alexander Schofield, Bolton, Lancaster, England, 4th July, 1900; 6 years. (Filed 27th April, 1899.)

Claim.—1st. In a loom, the combination with heddle or harness operating devices and reed mechanism arranged in sections, of shuttle operating mechanism for carrying the shuttles between the divisions of warp threads successively or one after the other in the same direction, and means for operating the reed sections successively to beat up the weft immediately after each shuttle has passed each reed section. 2nd. In a loom, the combination with heddle or harness operating devices, of reed mechanism arranged in sections or divisions, means for operating said sectional reeds successively, and shuttle operating mechanism for carrying the shuttles between the divisions of warp threads successively in a direct line and in the same direction and then reversing the direction of movement of the shuttles. 3rd. In a loom, the combination with heddle operating devices and reed mechanism arranged in sections, of means for operating a series of shuttles simultaneously and in successive order one following another in one direction and then in the reverse direction, and means for operating the reed sections successively to beat up the weft immediately after each shuttle has passed each reed section. 4th. In a loom, the combination with sectional shedding mechanism, of reed devices for beating up the weft arranged in divisions or sections, mechanism for carrying a series of shuttles one following another across the warp in one direction and then in the reverse direction, and means for operating the reed sections successively to beat up the weft immediately after each shuttle has passed each reed section.